

Porcine Somatostatin (SST) ELISA Kit | SST elisa kit

Porcine Somatostatin (SST) ELISA Kit

CATALOG # AAA64351	REACTIVITY Porcine
------------------------------	------------------------------

PRODUCT SYNONYMS

Somatostatin (SST); Porcine Somatostatin (SST) ELISA Kit; GHIH SRIF SMST GHRIH GHRIF Growth Hormone Releasing Inhibiting Hormone Somatotropin Release-Inhibiting Factor Somatostatin-14 Somatostatin-28; SST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of SST. No significant cross-reactivity or interference between SST and analogues was observed.
Sequence Length	116
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	7.81-500pg/mL
Sensitivity	< 2.74pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SST were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SST were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for SST elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of SST in porcine serum, plasma or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to SST has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled SST and unlabeled SST (Standards or samples) with the pre-coated antibody specific to SST. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of SST in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of SST in the sample.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	57528038
NCBI GeneID	494469
NCBI Accession #	NP_001009583.1
NCBI GenBank Nucleotide #	NM_001009583.1

UniProt Accession #	P01168; Q6PLR2
Molecular Weight	12,689 Da
NCBI Official Full Name	somatostatin
NCBI Official Symbol	SST
NCBI Official Synonym Symbols	SRIF
NCBI Protein Information	somatostatin
UniProt Protein Name	Somatostatin
UniProt Gene Name	SST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/somatostatin-sst/64351>